

App No.: 10/645,645 Docket No.: M4065.0674/P674
Inventor: Chandra Mouli
Title: HIGH GAIN, LOW NOISE, PHOTODIODE SENSOR FOR IMAGE SENSORS AND METHOD OF FORMATION

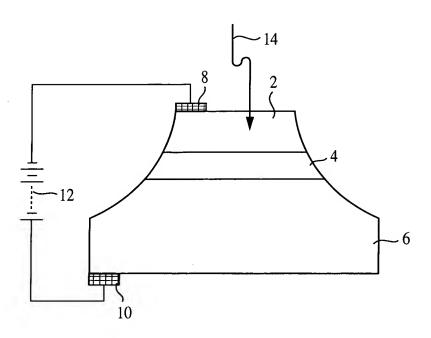


FIG. 1 (PRIOR ART)



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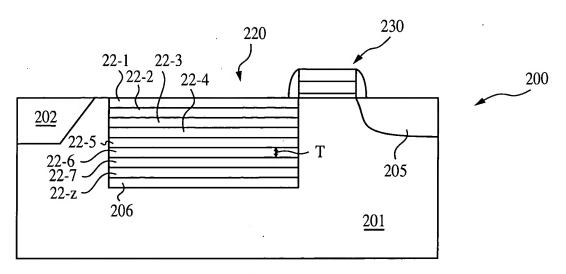


FIG. 2

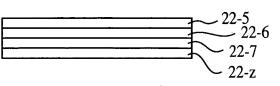


FIG. 3



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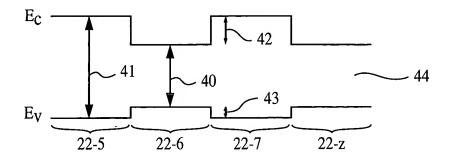


FIG. 4A

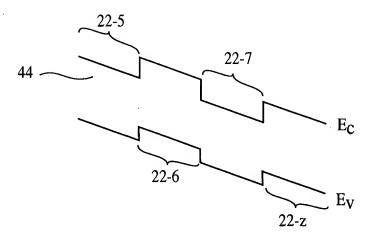


FIG. 4B

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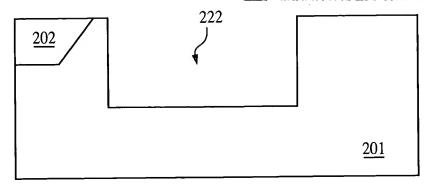


FIG. 5A

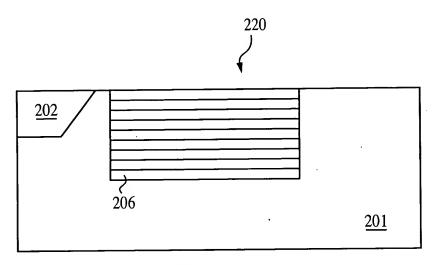


FIG. 5B

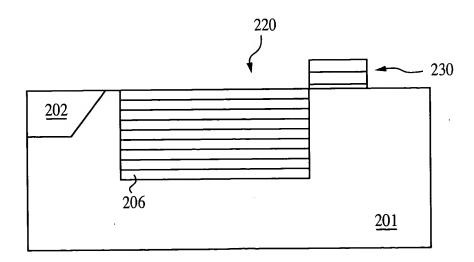


FIG. 5C

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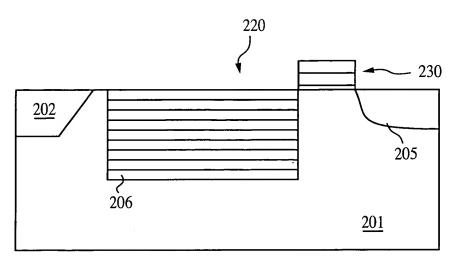


FIG. 5D

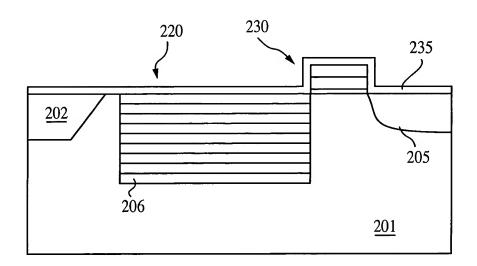


FIG. 5E



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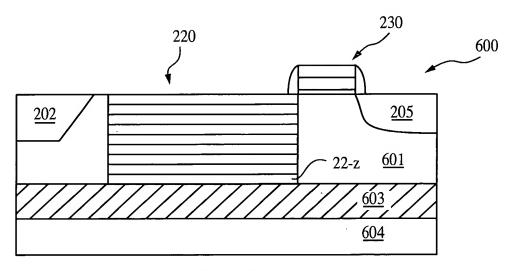


FIG. 6

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731 730 705 733 733 OUT

FIG. 7

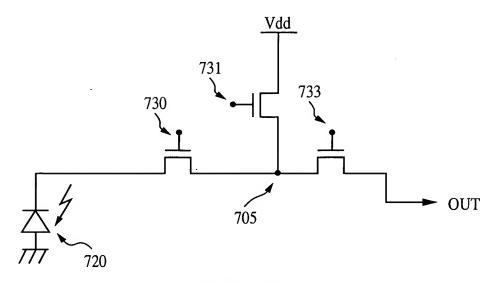
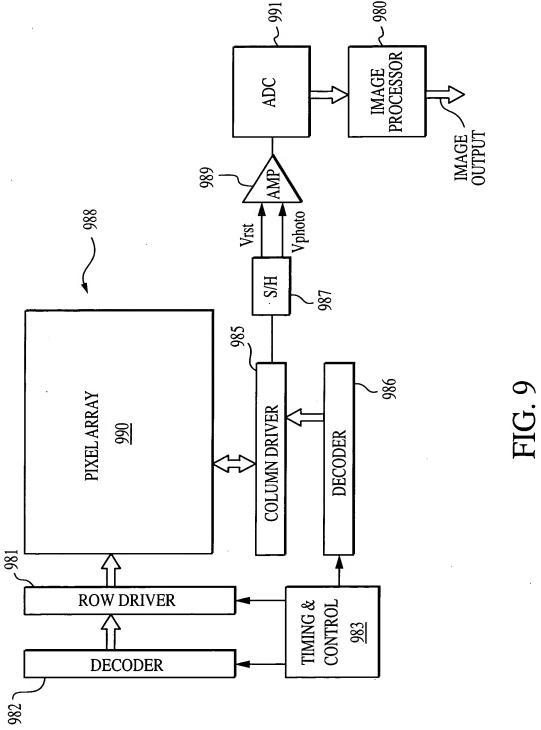


FIG. 8



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